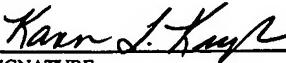


|   |  |   |
|---|--|---|
| U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE<br>FORM PTO-1390<br>(REV. 12-2001)  |  | ATTORNEY'S DOCKET NUMBER<br>11146/11005                               |
| TRANSMITTAL LETTER TO THE UNITED STATES<br>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br>CONCERNING A FILING UNDER 35 U.S.C. 371  |  | U.S. APPLICATION NO. (If known, see 37 CFR 1.5)<br><b>10 / 088713</b> |
| INTERNATIONAL APPLICATION NO.<br>PCT/US00/25874   | INTERNATIONAL FILING DATE<br>21 September 2000<br>(21.09.00) | PRIORITY DATE CLAIMED<br>25 September 1999<br>(25.09.99)              |
| TITLE OF INVENTION<br>VISCOSEITY MODULATING SUBSTANCE AND USE THEREOF   |  |   |
| APPLICANT(S) FOR DO/EO/US<br>CARL V. MANION   |  |   |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:   |  |   |
| <p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))</p> <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).</p> <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ul> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ul> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p> |  |   |
| Items 11 to 20 below concern document(s) or information included:   |  |   |
| <p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.</p> <p>14. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input type="checkbox"/> Other items or information:</p>   |  |   |

|  |   |   |           |           |
|--|---|---|-----------|-----------|
| U.S. APPLICATION NO. (If known) sec. 1.61<br><b>10/08871</b>   | INTERNATIONAL APPLICATION NO.<br>PCT/US00/25874 | ATTORNEY'S DOCKET NUMBER<br>11146/11005 |           |           |
| 21. <input checked="" type="checkbox"/> The following fees are submitted:  |   | CALCULATIONS PTO USE ONLY               |           |           |
| <b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):</b>  |   |   |           |           |
| Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO .....  |   | \$1040.00                               |           |           |
| International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO .....  |   | \$890.00                                |           |           |
| International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO .....   |   | \$740.00                                |           |           |
| International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) .....  |   | \$710.00                                |           |           |
| International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) .....  |   | \$100.00                                |           |           |
| <b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>  |   | \$ 890.00                               |           |           |
| Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).   |   | \$ 130.00                               |           |           |
| CLAIMS   | NUMBER FILED                                    | NUMBER EXTRA                            | RATE      | \$        |
| Total claims   | 14 - 20 =                                       | 0                                       | x \$18.00 | \$        |
| Independent claims   | 5 - 3 =   | 2                                       | x \$84.00 | \$ 168.00 |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable)  |   | + \$280.00                              | \$        |           |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>   |   | \$ 1188.00                              |           |           |
| <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.  |   | \$ 1188.00                              |           |           |
|  |   | + (594.00)                              |           |           |
| <b>SUBTOTAL =</b>  |   | \$ 594.00                               |           |           |
| Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).   |   | \$ -0-                                  |           |           |
| <b>TOTAL NATIONAL FEE =</b>  |   | \$ -0-                                  |           |           |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +   |   | \$ -0-                                  |           |           |
| <b>TOTAL FEES ENCLOSED =</b>   |   | \$ 594.00                               |           |           |
|  |   | Amount to be refunded:                  | \$        |           |
|  |   | charged:                                | \$        |           |
| <p>a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>18-1260</u> in the amount of \$ <u>594.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>18-1260</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p> |   |   |           |           |
| <p><b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.</p>   |   |   |           |           |
| <p>SEND ALL CORRESPONDENCE TO:<br/> <b>SIDLEY AUSTIN BROWN &amp; WOOD LLP.</b><br/> <b>717 North Harwood, Suite 3400</b><br/> <b>Dallas, Texas 75201</b></p>   |   |   |           |           |
| <br><p>SIGNATURE<br/> <b>Karen L. Knezek</b></p>  |   |   |           |           |
| <p>NAME<br/> <b>39,253</b></p>   |   |   |           |           |
| <p>REGISTRATION NUMBER</p>   |   |   |           |           |

10/08.8713

JC20 Rec'd PCT/PTO 20 MAR 2002

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March 20, 2002

EXPRESS MAIL MAILING LABEL No.: EL 861131885 US  
DATE OF DEPOSIT: MARCH 20, 2002

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to: BOX PCT, Assistant Director for Patents, Washington, DC 20231.

Derrick Gordon

Name of Person Mailing Paper or Fee  
  
Signature

MARCH 20, 2002  
Date of Signature

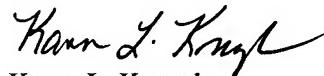
Box PCT  
Assistant Director For Patents  
Washington, D.C. 20231

Re: National Phase Entry in the United States of  
PCT Application No. PCT/US00/25874  
International Filing Date: September 21, 2000  
Priority Date: September 25, 1999  
For: VISCOSITY MODULATING SUBSTANCE AND USE THEREOF  
By: Carl V. MANION  
Attorney Docket No. 11146/11005

Dear Sir:

Enclosed for filing in connection with national phase entry in the United States of PCT patent application PCT/US00/25874 is Form PTO-1390 (Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. 371) and a Preliminary Amendment.

Sincerely,

  
Karen L. Knezek  
Registration No. 39,253  
Agent for Applicant

KLK/fis  
Enclosures